



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2  
290 BROADWAY  
NEW YORK, NY 10007-1866

SEP 18 2013

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

**Article Number: 7005 3110 0000 5939 9033**

Mr. Joseph E. Keyes  
Commissioner of Public Works  
Village of Patchogue  
14 Baker Street  
Patchogue, New York 11772

Re: MS4 Inspection - Village of Patchogue  
NPDES Permit No. NYR20A268

Dear Mr. Keyes:

This is in reference to the United States Environmental Protection Agency's (USEPA) Region 2, MS4 Compliance Evaluation Inspection (CEI) at the subject facility on August 19-20, 2013. This inspection report includes recommendations and areas of potential noncompliance that should be addressed (see the enclosed report).

Within thirty (30) days of receipt of this letter, please respond to the USEPA in writing with the actions that the facility has taken or will take to address the potential noncompliance items and areas of concern identified in this report. Also, please send copies of your response to Joe DiMura, P.E., Director, Bureau of Water Compliance Programs, Division of Water, NYSDEC, 625 Broadway, Albany, NY 12233-3506.

Should you have any questions feel free to contact Jerry Ciotola at (212) 637-4223 or Mrs. Justine Modigliani, Chief Compliance Section at (212) 637-4268.

Sincerely yours,

A handwritten signature in black ink, appearing to read "DMcKenna", written over a horizontal line.

Mr. Douglas McKenna, Chief  
Water Compliance Branch

Enclosure

cc: Joe DiMura, P.E., Director, Bureau of Water Compliance Programs, NYSDEC  
Sara Dorman, NYSDEC Region 1, Stony Brook



United States Environmental Protection Agency  
Washington, D.C. 20460  
**Water Compliance Inspection Report**

Form Approved.  
OMB No. 2040-0057

**Section A: National Data System Coding (i.e., PCS)**

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	N Y R 2 0 A 2 6 8	12 1 3 0 9 0 4 17	-	R	1
Remarks					
21					
66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	B1	QA	Reserved	
67 2		71	72	73	74 75 80

**Section B: Facility Data**

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
Village of Patchogue 14 Baker Street Patchogue, NY 11772	8/19/13 (11:00 am)	N/A
	Exit Time/Date	Permit Expiration Date
	8/20/13 (3:30pm)	N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data	
Joseph P. Dean, Superintendent of Public Works Village of Patchogue (631) 475-4314		
Name, Address of Responsible Official/Title/Phone and Fax Number(s)		
Joseph E. Keyes, Commissioner of Public Works 631-475-4300		
Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

**Section C: Areas Evaluated During Inspection (Check only those areas evaluated)**

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/> Records/Reports	<input checked="" type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Multimedia
<input checked="" type="checkbox"/> Effluent/Receiving Water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water MS4	<input type="checkbox"/> Other: STP's

**Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)**

See Attached Report.

**Also present on site:**

Robert Ferri, Environmental Protection Agency, R2-WCB (212) 637-4227  
Sara Dorman, NYSDEC Region 1, Stony Brook, NY

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
 Jerry Ciotola, Env. Eng.	EPA/DECA-WCB (212) 637-4223/FAX:x4211	9/4/2013
Signature of Management Q/A Reviewer	Agency/Office/Phone and Fax Numbers	Date
 Justine Modigliani, Chief, Compliance Section	EPA/DECA-WCB/(212) 637-4268/FAX:x4211	

**MS4 Inspection Report/Village of Patchogue, NY (NYR20A268)**  
**August 19-20, 2013**

Joseph P. Dean  
Superintendent of Public Works  
14 Baker Street, P.O. Box 719  
Patchogue, N.Y. 11772-0719

## **Background**

The Village of Patchogue is located on the south shore in Suffolk County, New York with a population of 11,798 based on the 2010 census. Patchogue is bordered on the north by North Patchogue, on the south by the Great South Bay (Patchogue Bay), and on the west by the Islip, and East Patchogue to the east.

The Village has a total land area of 2.5 square miles, and 32 miles of roadways. The Village is primarily a residential community. Boating is a prime recreation, with a natural riverfront and harbor on its borders emptying into South Bay.

Village stormwater flows to the Bay via the Great Patchogue Lake and River, various bulk-headed outfalls are located throughout the village. The Village's separate stormwater conveyance system, maintained by the Department of Public Works, consists of stormwater outfalls, catch basins, drywells, and interconnecting pipes. The sanitary sewage collection system covers most of the area downtown and surrounding Main Street, with the majority of the outlying areas having on-site systems (cesspools and septic tanks). Sanitary flows discharge to the Village's 800,000 gpd wastewater treatment plant.

The Village's Storm Water Management Plan was prepared by J.R. Holzmacher, consulting engineers on March 2003. According to the most recent Municipal Compliance Certification Filing to NYSDEC, ending March 9, 2013, the Village has a total of thirty five (35) stormwater outfalls, 100% mapped.

There are two municipal garages in the Village, one on Waverly Avenue and the other on DeWitt. There are two 8,000 gallon diesel and gasoline UST's at the Waverly garage.

The Village instituted a program for various catch basins and drywells with excessive sediment by inserting filters.

## **Introduction**

On August 19, 2013, an opening meeting was held with Village officials that included Mr. Paul Pontieri Jr., Mayor, Mr. Joseph P. Dean, Superintendent of Public Works, Barbara Stark, DPW, EPA inspectors Jerry Ciotola, Robert Ferri, and Sara Dorman of NYSDEC Region 1.

The meeting was held at the Village Hall, followed by an inspection of the Waverly and DeWitt Municipal Garages and Public Works Highway Department facilities including the transfer station. During the meeting, we had the opportunity to discuss general requirements of the Municipal Separate Storm Sewer System (MS4) permit, with a more focused discussion of Part VIIA, covering Illicit

Discharge Detection and Elimination (IDDE), and the Village's March 2003 SWMP development and implementation. Mr. Dean explained how the Village's stormwater system is laid out, and provided detailed mapping information for the sanitary sewer collection system and stormwater infrastructure in both CD and copy. All of Patchogue's stormwater outfalls and catch basins were GPS field verified and fully mapped in October 2010. The County website has GIS data layers of the Village's infrastructure.

## **Inspection**

### Day 1: EPA, DEC inspector, and Village officials

Weather Conditions: 8/19/13: Weather for the day of inspection was dry and mild

On August 19, 2013 an inspection of the Village of Patchogue Waverly Avenue DPW highway facility and Recycling Center was conducted. The facility consists of a large vehicle garage and a salt storage shed on the site, and UST's, and AGST, including 275 gallons of motor oil, 275 gallons hydraulic oil, 275 gallons kerosene, and 300 gallons waste oil tanks. The facility was lacking a Spill Prevention Plan (in excess of 1,320 gal total AGST's). Spills are handled with Speedy Dry.

The facility had numerous petroleum drums stored in different areas without secondary containment or secondary containment pallets due to the fact that a bermed containment area was under construction. Calcium chloride pellets in large sacks were stored for sidewalk deicing. One bay within the facility was used for paint storage (bio-degradable).

The salt storage at this facility was housed in a covered building onsite. There is also a sign shop adjacent to the salt storage facility. The Village has 4 salt spreaders. A drywell located immediately downhill from the salt storage area contained a filter insert. The truck washing is done in an undesignated location above another drywell that also contains a filter. Biodegradable soap is used for wash-down. The drywell was full with sediment. There is another drywell located in a truck loading pit that was partially flooded. This drywell supposedly only receives rain/snow melt. There was an old nonfunctional incinerator building onsite that was used for storage. A sign shop was housed inside. Drums containing lubricants were not on containment pallets. Liquid chlorine drums were improperly stored outside this building and should be removed immediately. The chlorine containers must be stored in a dry, non-flammable area.

At the Dewitt garage, which is a Village Dept of Parks and Recreation facility, fuel was stored with no secondary containment. This facility is primarily used for vehicle and lawn maintenance storage garage. There are no floor drains within the building. A 275 gal heating oil tank is located outside the garage. No pesticides or herbicides are used or stored.

Construction Site: "Riverwalk" (Clare Rose Development) Day 1:

EPA accompanied by DEC inspected the active construction site to ensure compliance with the GP-0-10-001 (NYSDEC Construction General Permit). The area adjacent to the Patchogue River for this site was not stabilized per the permit requirement and susceptible to erosion. (see inspection report for the site)

### Day 2: EPA, DEC inspector, and Village officials

Weather Conditions: 8/20/13: Weather the day of inspection was dry and warm

EPA and the DEC inspectors conducted a site evaluation of each storm-water outfall (see attached spreadsheet).

## **Recommendations (Areas of Concern)**

1. The garage and fueling areas lacked spill kits.
2. The Waverly Highway Department and Recycling Center should have a Spill Prevention Containment and Countermeasure Plan, since above ground storage tanks exceeded 1,320 gallons.
3. The garage does not have a designated truck wash area, and silt/sediment should be captured prior to reaching the infiltrating well.
4. At the recycling area, some trash haulers were not covered.
5. Liquid chlorine drums were improperly stored outside.
6. Fuel containers stored at the DeWitt Yard should be on containment pallets.
7. Part VIII A.4 of the MS4 permit GP-0-10-002 requires the owner/operator to implement a program of construction site storm-water runoff control. The Clare Rose construction Site at “Riverwalk” Phase II area adjacent to the Patchogue River, was greater than 5 ac with bare soil disturbed. The area requires temporary stabilization, meaning exposed soil has been covered with material(s) as set forth in the technical standard, New York Standards and Specifications for Erosion and Sediment Control, to prevent the exposed soil from eroding. There was evidence of gully erosion. A separate inspection report will be prepared for this construction site.
8. Inspectors went back to the Village Hall to speak with the Code Enforcement Officer (on vacation). None of the “Riverwalk” site inspection reports were available at the Village offices.
9. The potential ruptured main identified at Gillette Ave. and West Lakewood Street resulted in a sediment plume to the tributary, and should be repaired.

## **Outfalls Inspected by EPA (8/22/13)**

### **PHOTOGRAPH LOG (Panasonic Lumix L8Z)**

Village of Patchogue, NY (Unedited photos taken by Jerry Ciotola, Environmental Engineer, USEPA Region 2, Water Compliance Branch, August 19-20, 2013)



**Truck loading pit drain was clogged/submersed**



**Truck loading pit drain was clogged/submersed**



**Transfer materials and dumpsters should be covered**



**At Gillette Ave and W Lakewood St appeared to be a broken pipe discharging into creek**







Outfall ID	Outfalls							Observations							
ID # street # cross streets site name GPS coordinates	shape	height-width diameter	pipe material	conduit condition	water	sediment	adjacent debris	flow volume	flow color	flow odor	debris in pipe	floatables	staining	notes	discharges to
2140-11	pipe	36"	corr plastic	good	partial	none	none	none	none	none	none	none	none	7	Bay
2140-12	pipe	36"	corr plastic	good	partial	none	none	none	none	none	none	none	none	7	Bay
2140-13	box	36"	corr plastic	good	partial	none	none	none	none	none	none	none	none	7	Bay
2140-14	pipe	18"	steel		submerged		none	none	none	none	none	none	none	8	Bay
2140-15	pipe	8"	PVC	good	partial	none	none	none	none	none	none	none	none		Bay
2140-16	pipe	8"	PVC	good	partial	none	none	none	none	none	none	none	none	9	Bay
2140-17	pipe	8"	PVC	good	none	none	none	none	none	none	none	none	none		Bay
2140-18	pipe	18"	PVC	good	none	none	none	none	none	none	none	none	none	10	Bay
1180-44	pipe	12"	PVC		submerged	partially	none	none	none	none	algea	none	none	11	Bay
2380-42	pipe	15"	PVC	fair	partial		none	none	none	none	none	none	none	12	Bay
2380-43	pipe	15"	PVC	fair	submerged		none	none	none	none	algea	none	none		Bay
1140-35	pipe	18"			submerged		none	none	none	none	none	none	none	13	Bay
1140-36	pipe	18"			submerged		none	none	none	none	none	none	none		Bay
N400-24	pipe						none	none	none	none	algea	none	none	14	Great Patchogue Lake

[illegible]

[illegible]

Notes							Notes on Village's s August 5 & 7, 2013 outfall inspections						
1. soil piles being moved to the beach club.							This is a list of 8-15 Village outfall sites that we were not brought to						
2. filter insert on catch basin							4 un-numbered sites - the Village noted discharges at three of these						
3. pipe rusty and not functioning, near Lombardi's on the Bay							1180-45						
4. could not observe							2030-50						
5. Non-existant due to Hurricane Sandy							2140-11						
6. sheens observed at manhole, needs to be cleaned out, manhole not mapped							2140-12						
7. not very useful outfall, duck bill, manhole							2140-13	this or next had a discharge					
8. could not observe, out in water, heavy backflow during high tide							2150-1	this or previous had a discharge					
9. manhole was full, sawman in powered paraglider							2150-2	discharge					
10. non-functioning outfall, gate valve corroded and locked							2140-6						
11. green alga on exterior of pipe, nearby manhole was full to the top							2140-5						
12. manhole full							1260-51						
13. tucked up and under pier, catchment surcharged with bay water							N700-21						
14. could not observe due to heavy vegetation, highway drainage, lots of feathers, alga blooms													
15. part of Patchogue Lake should be sampled, catch basins silted up							We visited these outfalls but they didn't - which is OK						
15. continued: water is soupy with silt and sediment, street caved in							2140-7						
15. continued: spoke with neighborhood women, maybe burst pipe, Village is inves							2150-6						
16. alga in water, this s not a Village drain because it drains a County road.							2150-5						
17. Some lily pads							not mapped						
18. noted natural bacteria							not mapped						
19. could not observe outfall, 3 dry wells here, catch basin may have private hook u							2150-46						
20. two catch basins lead to tank prior to outfall discharge, needs repair in back of p							2030-53						
21. lots of grease in water, should be investigated, Dutch Cove Marina							2140-14						
22. some iron staining, near LIRR Maintenance Facility							2140-15						
23. catch basin was full							1870-56						
24. obscured behind posts							1130-54						
25. delete this outfall, really considered roof drainage							1130-55						











